DESIGN ENGINEERING 1987 EDITORIAL INDEX

ASSEMBLY

Cold-formed parts simplify component assembly — May p34
Adhesive dispensing is the key to flexible assembly — May p35
Assembly newsfront — May p38

AUTOMATION

Factory floor simulation: PCs ease program design for PLCs — Jan p16
Sensors & switches update: innovative ideas in optical and piezoelectric technology — Apr p12
Computers in Industry (supplement) — May, follows p28
Automotive industry report: materials handling — Sep p18
Autofact '87 report — Dec p11

CAD

1987 CAE/CAD/CAM Capabilities Guide — Feb p12
The human interface: a software answer turneth away wrath — Jul p12
A hardware look at input/output — Jul p14
PCs and workstations: fighting it out in low-end applications — Aug p16
CAD 1997: from concept to prototype in 24 hours. — Nov p15

CAREERS

Job hunting: why it is important to watch your image — Jan p30
Marketing—a job skill you need — Mar p130
Fighting stress in the job hunt — May p54
Pressure grows on job candidates — Jul p34
Take advantage of shortages in job market — Sep p58

ELECTRICAL AND ELECTRONIC

Custom chips come on strong — Feb p30
Circuit component innovations — Feb p30
Innovative electric motors for tough applications — Jun p22
Motors newsfront — Jun p26
Fast on the draw: Matrox, Dorval, PQ — Jul p24
Encoders: buyers' market means wider choice — Aug p18
Research pays in industrial terminal project — Nov p26
Test equipment for electronics — Dec p30

FLUID POWER

Seals and packings: ideas that improve system performance — Jan p11
Hydraulic clutch means new capabilities in tunnel boring — Mar p14
1987-88 Fluid Power and Controls Buyers' Guide — Mar p19
Cylinders update: CAD libraries speed design — May p29
Cylinder action: what's new — May p30
Hydraulic motors mean power in Spar's new manipulator — Jun p23
Hydraulic valves: stepping up to digital control — Sep p21
Valves newsfront — Sep p24
Mobile power report — Nov p12

MATERIALS

Molding machine improves mold life, tolerances — Jan p28
New materials mean muscle in tough applications — Apr p10
Automakers explore new materials — Apr p11
Astronauts pitch in on ceramics experiment — May p11
Plastics and composites tackle tough new jobs — Sep p28

MECHANICAL POWER TRANSMISSION

Geared drives report: new technologies spur design improvement — Jan p13
Bearings report: new materials expand designer's options — Jun p12
Bearings newsfront — Jun p13
Brakes & clutches: solving problems in mechanical power — Jul p18
1987-88 Mechaical Power Transmission Buyers' Guide — Oct p15

NEWSMAKERS

Winging it: Ultimate Aircraft, Guelph, ON — Jun p20
Valve design breakthrough: Hamilton Valve Inc., Toronto — Oct p12
Starter's pistol sounds in free trade hurdles — Nov p8
Personality of the Year: Dr. Philip Lapp — Dec p14

PROFESSIONAL AND BUSINESS

The care and feeding of innovators — Mar p17
Innovation vs. organizations — Jun p34
Canada's automotive industry grows in size, sophistication — Sep p12
Canada's resource industries outlook — Dec p18